

## **HEARING INSTRUMENT WITH DATA TRANSMISSION INTERFERENCE BLOCKING**

### **Abstract of the Disclosure**

5           One aspect relates to a method to block data transmission interference from  
an input of a receiver in a hearing instrument. In various embodiments, an acoustic-  
based signal representative of sound received at a microphone system is received. It  
is determined if a trigger associated with a data transmission has occurred. A signal  
representative of the acoustic-based signal is presented to the input of the receiver  
10   when the trigger has not occurred such that the receiver converts the acoustic-based  
signal into an output acoustic signal. The signal representative of the acoustic-based  
signal is blocked from the input of the receiver when the trigger has occurred such  
that data transmission interference is blocked from being converted into the acoustic  
signal. In various embodiments, the method further comprises presenting a signal  
15   representative of a substitute waveform to the input of the receiver when the trigger  
has occurred. Other aspects are provided herein.